

Machine Id
03-CEVL-13,14,15,16,17,18
 Component
Hydraulic System
 Fluid
AW HYDRAULIC OIL ISO 32 (150 GAL)



DIAGNOSIS

Recommendation

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Wear

Usure de palier et (ou) de douille.

Contamination

Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile. La teneur en eau est négligeable.

Fluid Condition

l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		ST43464	---	---
Sample Date	Client Info		20 Sep 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	4	---
Chromium	ppm	ASTM D5185(m)	>10	1	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---
Titanium	ppm	ASTM D5185(m)		0	---
Silver	ppm	ASTM D5185(m)		<1	---
Aluminum	ppm	ASTM D5185(m)	>10	<1	---
Lead	ppm	ASTM D5185(m)	>10	▲ 21	---
Copper	ppm	ASTM D5185(m)	>75	<1	---
Tin	ppm	ASTM D5185(m)	>10	<1	---
Antimony	ppm	ASTM D5185(m)		<1	---
Vanadium	ppm	ASTM D5185(m)		0	---
Beryllium	ppm	ASTM D5185(m)		0	---
Cadmium	ppm	ASTM D5185(m)		0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	<1	---
Barium	ppm	ASTM D5185(m)	5	<1	---
Molybdenum	ppm	ASTM D5185(m)	5	0	---
Manganese	ppm	ASTM D5185(m)		0	---
Magnesium	ppm	ASTM D5185(m)	25	4	---
Calcium	ppm	ASTM D5185(m)	200	59	---
Phosphorus	ppm	ASTM D5185(m)	300	332	---
Zinc	ppm	ASTM D5185(m)	370	415	---
Sulfur	ppm	ASTM D5185(m)	2500	849	---
Lithium	ppm	ASTM D5185(m)		<1	---

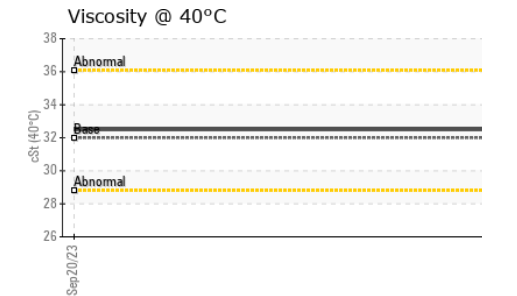
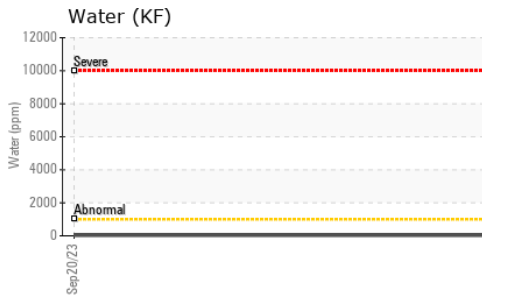
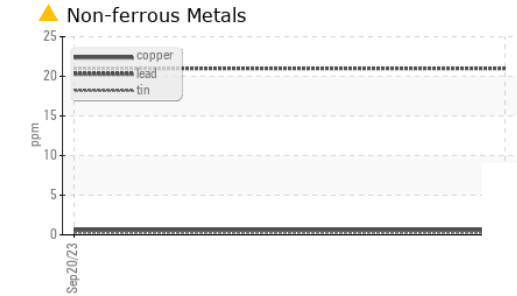
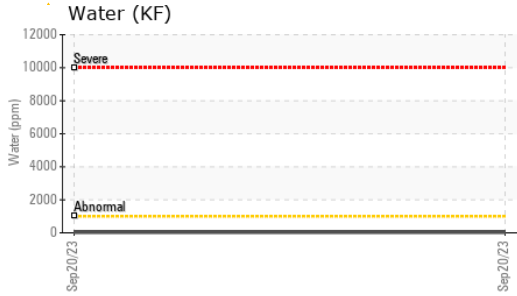
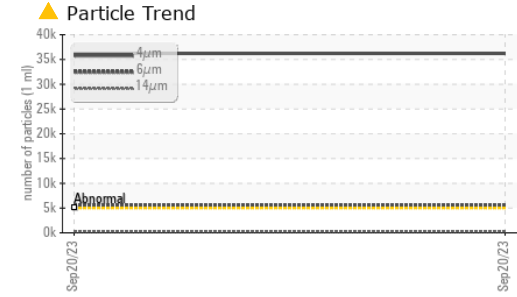
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	2	---
Sodium	ppm	ASTM D5185(m)		2	---
Potassium	ppm	ASTM D5185(m)	>20	0	---
Water	%	ASTM D6304*	>0.1	0.003	---
ppm Water	ppm	ASTM D6304*	>1000	30.2	---

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	▲ 36228	---	---
Particles >6µm	ASTM D7647	>1300	▲ 5583	---	---
Particles >14µm	ASTM D7647	>160	▲ 278	---	---
Particles >21µm	ASTM D7647	>40	▲ 73	---	---
Particles >38µm	ASTM D7647	>10	8	---	---
Particles >71µm	ASTM D7647	>3	1	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 22/20/15	---	---

OIL ANALYSIS REPORT

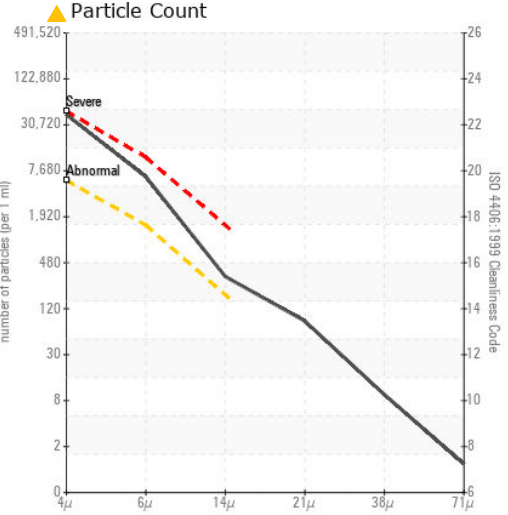
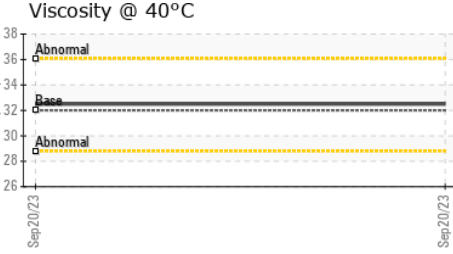
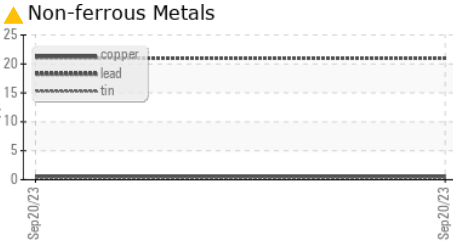
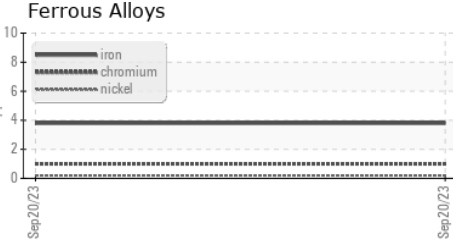


PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	32	32.5	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ST43464 **Received** : 30 Oct 2023
Lab Number : 02592836 **Diagnosed** : 31 Oct 2023
Unique Number : 5669915 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: KF)

Location Deric
 5145 rue Rideau
 Quebec, QC
 CA G2E 5H5
 Contact: Pascal Langlois
 pascal.langlois@groupepederic.ca
 T:
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.